

## EAST Search History

| Ref # | Hits  | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|---|------------------|---------|------------------|
| L1    | 2     | "6725548".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/03/16 16:35 |
| L2    | 14232 | (rotat\$4 with pin with (ribs or abutments or stoppers))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/03/16 16:36 |
| L3    | 8257  | (rotat\$4 same pin near2 (ribs or abutments or stoppers))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/03/16 16:38 |
| L4    | 608   | (rotat\$4 near2 pin near2 (ribs or abutments or stoppers))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/03/16 16:38 |
| L5    | 31    | (rotat\$4 near2 pin near2 (ribs or abutments or stoppers)) with stop   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/03/16 16:39 |
| L6    | 20    | (rotat\$4 near2 pin near2 (ribs or abutments or stoppers)) with ((limit or stop) near2 rotation)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/03/16 16:42 |
| L7    | 0     | (30/392.ccls. or 29/450.ccls. or 279/23.1.ccls. or 279/29.ccls. or 279/35.ccls. or 279/71.ccls. or 279/77.ccls. or 279/81.ccls.) and (pin near3 (stop near rotat\$4) with (rib or abutment or stoppers)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/03/16 16:44 |
| L8    | 0     | (30/392.ccls. or 29/450.ccls. or 279/23.1.ccls. or 279/29.ccls. or 279/35.ccls. or 279/71.ccls. or 279/77.ccls. or 279/81.ccls.) and (pin near3 (stop near rotat\$4))                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/03/16 16:45 |
| L9    | 127   | (30/392.ccls. or 29/450.ccls. or 279/23.1.ccls. or 279/29.ccls. or 279/35.ccls. or 279/71.ccls. or 279/77.ccls. or 279/81.ccls.) and (pin\$1 same (stop\$4 same rotat\$4))                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/03/16 17:09 |

## EAST Search History

|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| L10 | 0    | (30/392.ccls. or 29/450.ccls. or 279/23.1.ccls. or 279/29.ccls. or 279/35.ccls. or 279/71.ccls. or 279/77.ccls. or 279/81.ccls.) and (pring near2 (eject\$3))  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/16 17:10 |
| L11 | 5    | (30/392.ccls. or 29/450.ccls. or 279/23.1.ccls. or 279/29.ccls. or 279/35.ccls. or 279/71.ccls. or 279/77.ccls. or 279/81.ccls.) and (spring near2 (eject\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/16 17:20 |
| L12 | 5    | shuhua.in. near sang   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/16 17:21 |
| S1  | 18   | 30/392.ccls. and (quick near release)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/24 15:27 |
| S2  | 1961 | 29/450.ccls.   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/24 15:27 |
| S3  | 5    | 29/450.ccls. and (quick near release)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/24 15:28 |
| S4  | 6    | 29/450.ccls. and (saw with blade)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/24 15:28 |
| S5  | 75   | "30"/\$.ccls. and (quick near release with blade)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/24 15:32 |
| S6  | 463  | (quick near release with blade)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/24 15:45 |
| S7  | 630  | drill adj bit with clamp   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/24 15:46 |

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|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| S8  | 389  | "408"/\$.ccls. and (bit with (clamp or quick near release))  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/07 17:16 |
| S9  | 19   | ("2286530"   "3186726"   "3461732"   "3583716"   "3802079"   "3823473"   "4083112"   "4601477"   "4741059"   "5573255"   "5606758"   "5987758"   "6053675"   "6209208"   "D271206").PN. OR ("6754967").URPN. | US-PGPUB; USPAT; USOCR                    | OR | ON | 2006/02/24 16:10 |
| S10 | 4    | (blade or tool or bit) with (keyless near clamp)   | US-PGPUB; USPAT; USOCR                    | OR | ON | 2006/02/24 16:11 |
| S11 | 1262 | ("408"/\$.ccls. or "407"/\$.ccls. or "409"/\$.ccls.) and ((blade or bit) with (clamp or quick near release))   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/07 17:25 |
| S12 | 451  | S11 and spring   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/07 17:18 |
| S13 | 293  | S12 and lock\$3  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/07 17:18 |
| S14 | 1293 | ("408"/\$.ccls. or "407"/\$.ccls. or "409"/\$.ccls.) and ((blade or bit) with (clamp or quick near (change or release)))   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/07 17:56 |
| S15 | 153  | S14 and reciprocat\$3  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/07 17:29 |
| S16 | 471  | S14 and spring   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/07 17:29 |
| S17 | 188  | S16 and sleeve   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/07 17:29 |

## EAST Search History

|     |       |  |   |    |    |                  |
|-----|-------|--|---|----|----|------------------|
| S18 | 23638 | ((blade or bit) with (clamp or quick near (change or release)))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/07 18:22 |
| S19 | 4912  | ((blade or bit) near (clamp or quick near (change or release)))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/07 18:22 |
| S20 | 28    | ((blade or bit) near (clamp or quick near (change or release))) with spring with sleeve  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/07 18:23 |
| S21 | 2118  | S19 and spring   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/07 18:23 |
| S22 | 28    | S20 and sleeve   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/07 18:23 |
| S23 | 67    | ("3583716"   "3750283"   "3823473"   "3964163"   "4020555"   "4083112"   "4106181"   "4204692"   "4285129"   "4294013"   "4299402"   "4351112"   "4441225"   "4470196"   "4528753"   "4550500"   "4594781"   "4601477"   "4648182"   "4691929"   "4708548"   "5058280"   "5103565"   "5165173"   "5233892"   "5272948"   "5306025"   "5322302"   "5324052"   "5340129"   "5351590"   "5363733"   "5402580"   "5421232"   "5433457"   "5439472"   "5443276"   "5458346"   "5487221"   "5575071"   "5903983"   "5934846"   "5946810"   "5954347"   "5971403"   "5984596"   "5987758"   "5988034"   "5988957"   "5989257"   "5996452"   "Re36269").PN. OR ("6209208").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2006/03/07 18:27 |
| S24 | 14    | ("3927893"   "4299402"   "5219174"   "5443276"   "5575071"   "5647133"   "5903983"   "6209208").PN. OR ("6276065").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2006/03/07 18:33 |

## EAST Search History

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|-----|----|--|---|----|----|------------------|
| S25 | 6  | ("3552147"   "6209208"   "6260281"   "6276065"   "6612039").PN. OR ("6851194").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2006/03/07 18:34 |
| S26 | 30 | ("3583716"   "3781025"   "3823473"   "4106181"   "4283855"   "4290721"   "4299402"   "4601477"   "4648182"   "4710223"   "5322302"   "5443276"   "5487221"   "5634277"   "5722309"   "5724742").PN. OR ("5987758").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2006/03/08 10:38 |
| S27 | 86 | ("20020017026"   "2049898"   "2565344"   "2866485"   "2987086"   "3028890"   "3033251"   "3114402"   "3259158"   "3338278"   "3521686"   "3555678"   "3583716"   "3750283"   "3802079"   "3804238"   "3823473"   "3927893"   "3964163"   "4011657"   "4020555"   "4083112"   "4106181"   "4204692"   "4285129"   "4294013"   "4299402"   "4351112"   "4441255"   "4470196"   "4508221"   "4528753"   "4550500"   "4594781"   "4601477"   "4648182"   "4739557"   "4941246"   "5058280"   "5103565"   "5165173"   "5233892"   "5272948"   "5322302"   "5324052"   "5340129"   "5351590"   "5363733"   "5402580"   "5421232"   "5433457"   "5439472"   "5443276"   "5458346"   "5487221"   "5573255"   "5575071"   "5634277"   "5647133"   "5697279"   "5722309"   "5794352"   "5810367"   "5829082"   "5903983"   "5987758"   "6009627"   "6023848"   "6101726"   "6105482"   "6112420"   "6237231"   "6453565"   "6467177"   "6502317").PN. OR ("6662698").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2006/03/08 10:40 |
| S28 | 43 | ("2336325"   "3234649"   "3300858"   "3388470"   "3572409"   "4204692"   "4285129"   "4441255"   "4470196").PN. OR ("4648182").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2006/03/08 11:16 |
| S29 | 6  | "29"/\$.ccls. and (quick near release with pivot)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/15 16:41 |

## EAST Search History

|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| S30 | 30  | 279/23.1  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/16 11:01 |
| S31 | 263 | 279/23.1.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/16 11:11 |
| S32 | 179 | 279/29.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/16 11:13 |
| S33 | 338 | 279/35.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/16 11:16 |
| S34 | 344 | 279/71.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/16 11:23 |
| S35 | 102 | 279/72.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/16 11:27 |
| S36 | 451 | 279/77.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/16 11:44 |
| S37 | 159 | 279/81.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/16 14:02 |
| S38 | 111 | (S30 or S31 or S32 or S33 or S34 or S35 or S36 or S37) and (pivot\$3 same (lock\$3 or stud))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/16 14:04 |
| S39 | 19  | (S30 or S31 or S32 or S33 or S34 or S35 or S36 or S37) and (pivot\$3 near2 (lock\$3 or stud)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/16 14:05 |

## EAST Search History

|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| S40 | 38  | (S30 or S31 or S32 or S33 or S34 or S35 or S36 or S37) and (pivot\$3 with (sleeve or collar))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/16 14:07 |
| S41 | 104 | ("4550500" "4778344" "5359866"<br>"5722309" "6073349" "6735876"<br>"5015150" "4274692" "4305441"<br>"4775108" "5383383" "5787769"<br>"6189422" "6896537" "4477174"<br>"5224529" "5540708" "5634182"<br>"5641310" "5741149" "5754927"<br>"5766200" "6195515" "4262507"<br>"4267248" "4267245" "4266503"<br>"4299474" "4334789" "4344723"<br>"4347003" "4361397" "4378053"<br>"4397138" "4397327" "4436001"<br>"4453493" "4464672" "4472879"<br>"4492456" "4493245" "4508179"<br>"4528837" "4532531" "4533037"<br>"4535883" "4543075" "4553303"<br>"4571070" "4583842").pn. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/16 14:07 |